

ARUBA AP-ANT-1 INDOOR ANTENNAS

2.4-GHz and 5-GHz tri-band omnidirectional direct-mount indoor AP antenna

The AP-ANT-1 is a high-performance, tri-band, omnidirectional, indoor antenna ideally designed for multifunction access points that require an omnidirectional coverage pattern for WLAN service delivery or air monitoring on both the 2.4 GHz and 5 GHz bands. AP-ANT-1 has an articulating mount, providing flexibility in deployment and direct connection to Aruba access points with an onboard RP-SMA connector. The AP-ANT-1 is the preferred choice for multi-purpose service deployment or wireless intrusion prevention (WIP). It is offered in two colors to match the colors of Aruba indoor access points: the AP-ANT-1B antenna in off-white, and the AP-ANT-1W antenna in white.

FREQUENCY/GAIN

- 2.4-2.5 GHz (3.8 dBi)
- 4.9-5.875 GHz (5.8 dBi)

POLARIZATION

- Linear, vertical. Omnidirectional patterns at all frequencies with increased gain in mid and upper 5 GHz bands

BEAMWIDTH

- 2.4-2.5 GHz
 - E-Plane: 50 degrees
 - H-Plane: 360 degrees
- 4.9-5.875 GHz
 - E-Plane: 25 degrees
 - H-Plane 360: degrees

IMPEDANCE

- 50 ohms

MAXIMUM INPUT POWER

- 2 watts

VSWR (MINIMUM PERFORMANCE)

- < 2.0:1

DIMENSIONS (INCHES/CENTIMETERS)

- 0.75" (1.9 cm) x 1.54" (3.9 cm) x 5.00" (12.7 cm)

HOUSING

- ABS, UV-resistant

FLY CABLE LENGTH/CONNECTOR

- Articulating mount with built-in RP-SMA

OPERATING/STORAGE TEMPERATURE

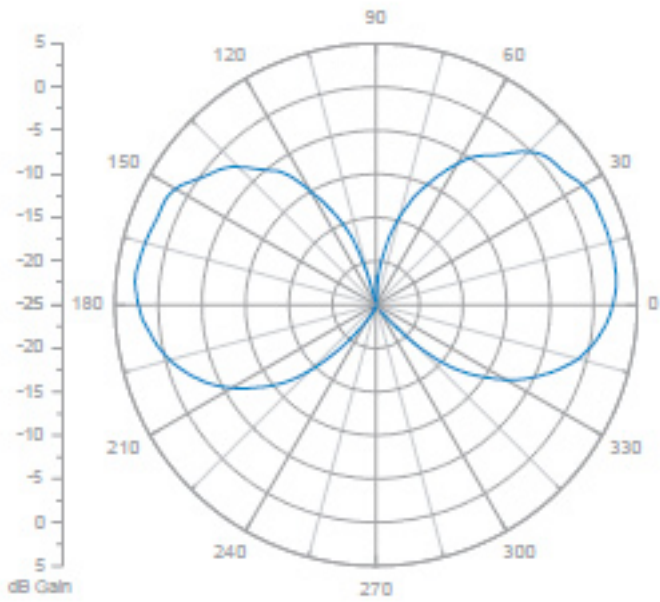
- -10° C to +55° C (+14° F to +131° F)

INSTALLATION HARDWARE

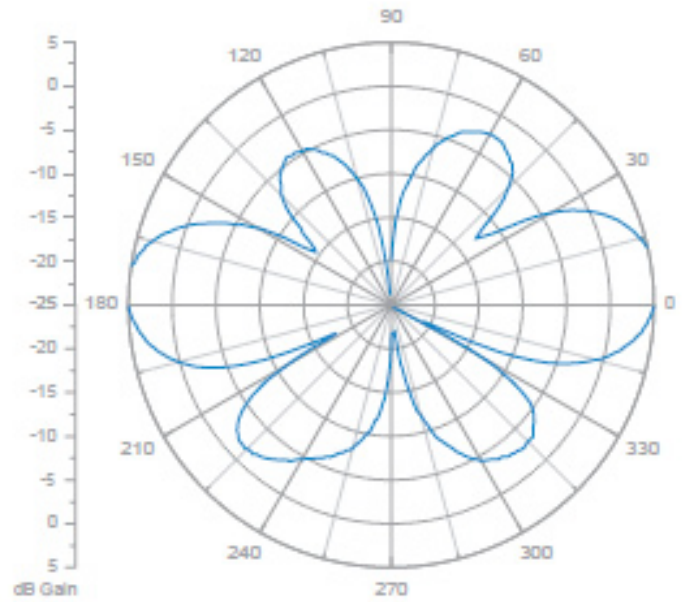
- N/A – antenna mounts directly to an Aruba AP



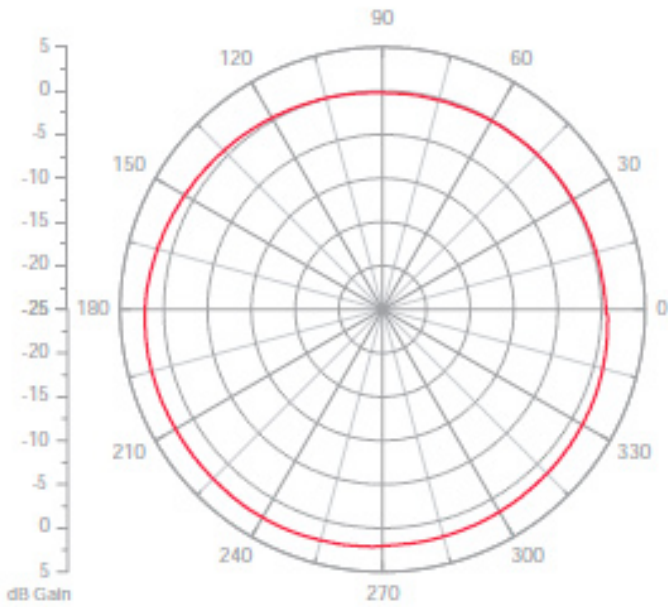
ANTENNA PATTERNS



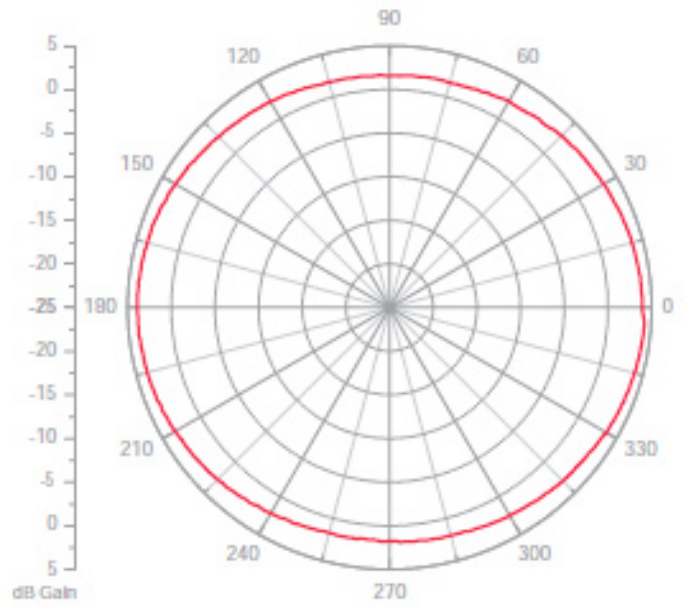
Elevation Plane – 2450 MHz



Elevation Plane – 5150 MHz

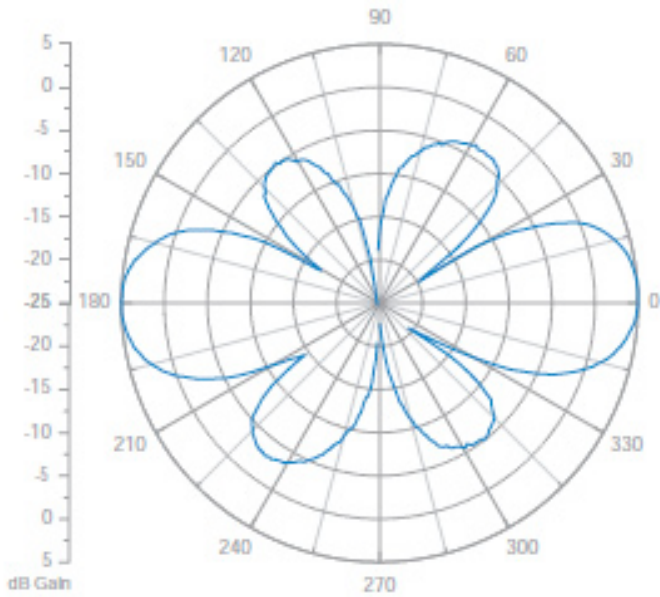


Azimuth Plane – 2450 MHz

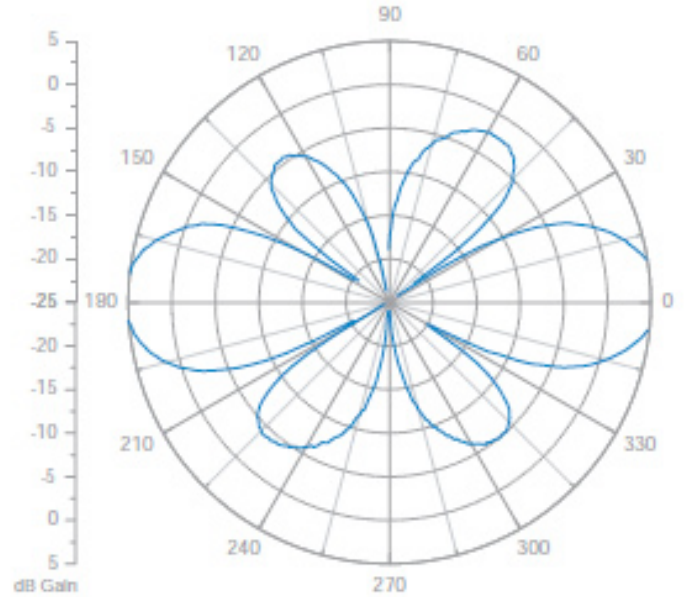


Azimuth Plane – 5150 MHz

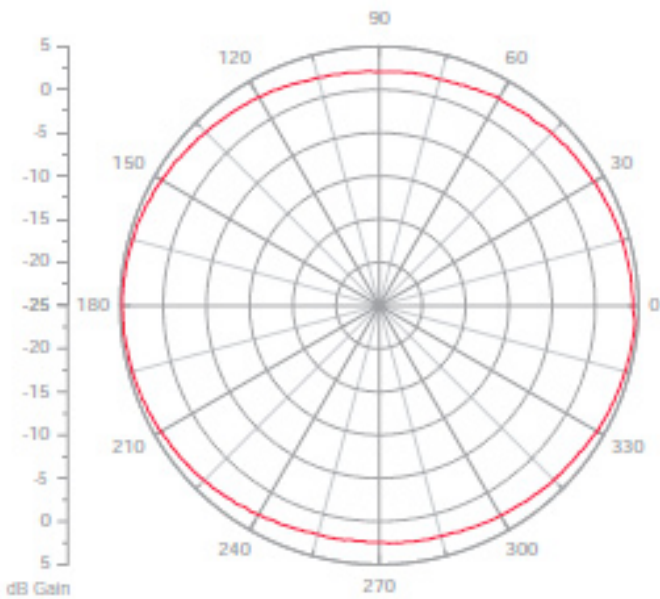
ANTENNA PATTERNS



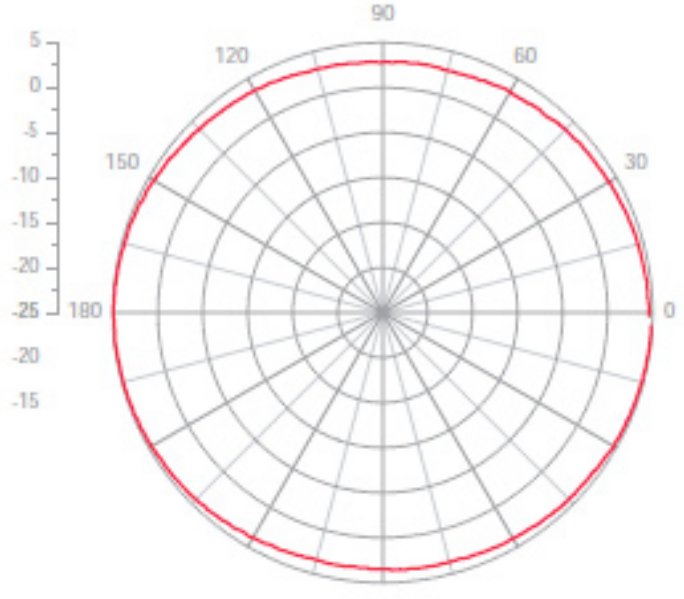
Elevation Plane – 5500 MHz



Elevation Plane – 5750 MHz



Azimuth Plane – 5500 MHz



Azimuth Plane – 5750 MHz



www.arubanetworks.com

1344 Crossman Avenue, Sunnyvale, CA 94089

1-866-55-ARUBA | Tel. +1 408.227.4500 | Fax. +1 408.227.4550 | info@arubanetworks.com